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2     **Listing of the Claims**

1     Claim 1. (Original): An apparatus for electrically earthing a load-side conductor in a  
2                         controller, said apparatus comprising:

3                         a base;

4                         a lug electrically connected to said load-side conductor and fixedly attached to said base;

5                         an earthing bar adapted to contact said lug and provide a ground path from said lug, said  
6                         earthing bar adapted to move between a charged position and an earthed position;

7                         a ground connection electrically connected to said earthing bar and adapted to earth said  
8                         earthing bar;

9                         a spring having a first end and a second end, said first end engaging said earthing bar and  
10                         said second end engaging said base, said spring providing a motive force for moving said  
11                         earthing bar from said charged position to said earthed position;

12                         a charging mechanism for compressing said spring and moving said earthing bar from  
13                         said earthed position to said charged position;

14                         an actuating mechanism for releasing said spring and causing said earthing bar to move  
15                         from said charged position to said earthed position; and

16                         an operator for tripping said actuating mechanism.

1     Claim 2. (Original): The apparatus of Claim 1 wherein said lug includes a bevel against  
2                         which said earthing bar rests when said earthing bar is in said earthed position.

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1       Claim 3. (Original): The apparatus of Claim 1 wherein said base includes a positioning  
2                  member adapted for engaging said lug wherein said lug is held in spaced relation  
3                  to said base.

1       Claim 4. (Original): The apparatus of Claim 1 wherein said lug includes a flat surface  
2                  adapted to receive a load-side terminal.

1       Claim 5. (Original): The apparatus of Claim 1 wherein said lug is adapted to receive a  
2                  line-side conductor.

1       Claim 6. (Original): The apparatus of Claim 1 further comprising a tang on said lug,  
2                  said tang adapted to fixedly engage a corresponding slot in said base.

1       Claim 7. (Original): The apparatus of Claim 1 wherein said operator includes an  
2                  indicator with a first indication corresponding to said earthing bar in said charged  
3                  position and a second indication corresponding to said earthing bar in said earthed  
4                  position.

1       Claim 8. (Original): The apparatus of Claim 1 wherein said actuating mechanism  
2                  includes

3                  a first member connected to a second member at a first pivot which is constrained to a  
4                  slot in a third member,

5                  said second member has a distal end opposite said first pivot, said distal end pivotably  
6                  connected to a sliding member,

7                  said sliding member fixedly attached to said earthing bar,

8  
9       said first member having a central pivot held in fixed spatial relation to said base,  
10      said third member engaging said charging mechanism,  
11      whereby said first member and said second member are held in a fixed position with said  
12     spring compressed.

1       Claim 9. (Original): The apparatus of Claim 8 wherein, with said earthing bar in said  
2       charged position,

3       said first pivot is fixedly positioned slightly off a line connecting said central pivot of  
4     said first member and said distal end of said second member.

1       Claim 10. (Original): The apparatus of Claim 8 wherein said first and second members  
2       are adapted to hold said earthing bar in said charged position whereby said first  
3       pivot is fixedly positioned slightly off a line connecting said central pivot of said  
4     first member and said distal end of said second member.

1       Claim 11. (Original): The apparatus of Claim 8 wherein said first and second members  
2       are adapted to hold said earthing bar in said charged position whereby said first  
3       and second members form an obtuse angle and said first pivot is fixedly  
4     positioned.

1       Claim 12. (Canceled)

1       Claim 13. (Canceled)

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1       Claim 14. (Previously amended) An apparatus for electrically earthing a load-side  
2                   conductor in a controller, said apparatus comprising:

3                   an earthing member connected to ground, said earthing member adapted to move between  
4                   a charged position and an earthed position in which said load-side conductor is earthed;

5                   a spring providing a motive force for moving said earthing member from said charged  
6                   position to said earthed position, wherein said spring is compressed in said charged position;

7                   a sliding member fixedly attached to said earthing member;

8                   a first member having a central pivot for rotating thereabout;

9                   a second member having a first distal end connected to said first member at a first pivot  
10                  and an opposite distal end connected to said sliding member at a second pivot; and

11                  a third member defining a slot, said first pivot constrained to said slot;

12                  whereby movement of said third member causes said first pivot to toggle between a first  
13                  position corresponding to said charged position and a second position corresponding to said  
14                  earthed position;

1        Claim 15. (Canceled):

1        Claim 16. (Canceled)

1        Claim 17. (Canceled):

1        Claim 18. (Canceled):